

Of chemists and computers

Two new research centres, could receive up to \$14 million in funding.

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On the brink

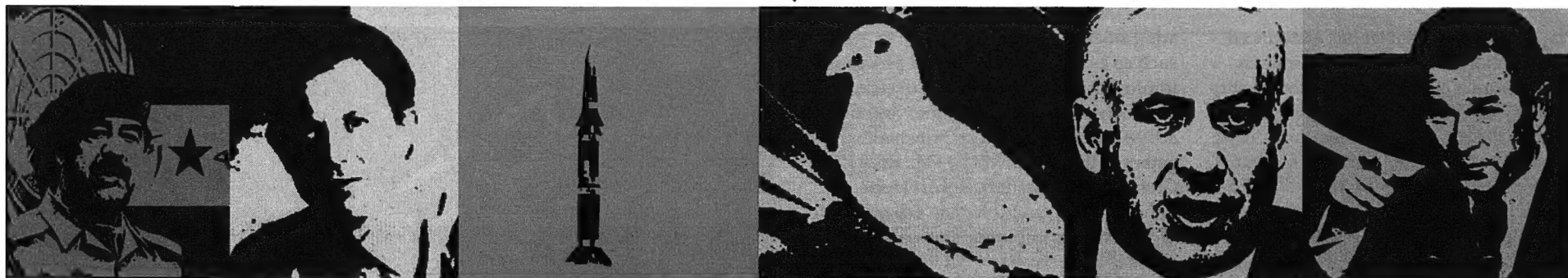
America's War on Terror continues. But what is the price of ignoring the United Nations and striking Iraq?

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The Class of '42

Times have changed in health care. Nurses remember the hardships and hopes of 1942.

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UNIVERSITY OF ALBERTA

folio

Volume 40 Issue 3

OCTOBER 4, 2002

<http://www.ualberta.ca/folio>

Lending a helping hand

United Way campaign kicks off

By Richard Cairney

Jackie Meloche is doing her share for the United Way. She's rounded up a few jackets and a decent snow suit for the Coats for Kids program, and she and her colleagues at the university's Supply Management Services are collecting items to donate to a United Way flea market.

And while most people give out of a desire to help those less fortunate, Meloche also considers it giving back—the very same agencies to which she is now donating helped Meloche and her two young sons get through some difficult times.

During the early 1980s, Meloche found herself in a tough spot: as a single mother of twin boys she was on welfare. Meloche was working hard to improve her situation—she had enrolled in school, earning a diploma in business management and accounting. But during the five years she was in school, United Way services helped her family through some rough patches.

"Raising my kids, there were a lot of things. A little bit of help never hurts, especially when you are single. There were all kinds of benefits we got from various organizations sponsored by the United Way. A lot of people don't understand that when you donate to the United Way it can go to the charity you want it to go to," said Meloche, who gives to the Canadian Diabetes Association and the Canadian Liver Foundation through the United Way.

Meloche is just part of a groundswell of support the United Way receives on campus. Last year, the U of A community raised more than \$400,000 in the campaign, which kicks off this weekend and runs until the end of November.

Already, students and staff have begun kicking in. At the Office of the Registrar, for example, staff managed to round up 140 lbs. of coats as part of the Coats for Kids program. Organizing an office-wide effort was easy, said Flora DeCoteau, associate registrar and director of records.

"It only takes a suggestion to get



Flora DeCoteau feels the warmth shown by Registrar's Office staff, who donated 140 lbs. of coats for the Coats for Kids program. The campus United Way campaign kicks off Oct. 5 with the 43rd annual Turkey Trot. To get involved with the campaign or for more information call Lorna Hallam at 492-8034.

something going," DeCoteau said. "I had two coats and I was going to donate them down at the dry cleaner's."

Then inspiration struck. DeCoteau asked her co-workers if they'd scour their closets at home and bring in any old coats. "We had a little contest here in the office for people to bring in coats for the coat drive. The Coats for Kids drive happens at this time of year every year, and people don't always make it to the cleaners, but they do always make it into work, so it was pretty easy.

"In this office we've got, I think, few people with little ones around, but teens and moms and dads need coats too, so for us, it was a nice way to start off the United Way Campaign. The people around here really responded," she said. "I had those two coats and now we have

140 lbs. of coats."

That kind of giving says something about the kind of people who work and study on campus, said Mike Mahon, dean of the Faculty of Physical Education and Recreation and a co-chair of the U of A's United Way campaign.

"Sometimes universities are seen as entities unto themselves—the old Ivory Tower concept—and our commitment shows we have a real keen sense of the needs of the city outside the borders of the U of A," Mahon said.

The U of A is "a city within a city," and with close to 40,000 people coming to campus every day, any contribution to the United Way helps members of the campus community as members of the greater community.

"By donating to the United Way, I

would say we are supporting some of our own students and staff as well," he said.

Mahon added that the U of A is "a leader" among Canadian universities when it comes to giving to the United Way. "It's something we can continue to claim and hopefully see some improvement."

Meloche will be working towards that goal. Her sons are now 22. One works with an inventory firm and the other is studying to become a minister. She knows the kindness of others helped her to raise two fine young men.

"They grew pretty good," she said. "They know a lot of their clothing came from Goodwill and the Salvation Army, that their furniture came from a company that provided for people on welfare. They know that they benefited, and they'll be doing their part too." ■

"There were all kinds of benefits we got from various organizations sponsored by the United Way. A lot of people don't understand that when you donate to the United Way it can go to the charity you want it to go to."

—Jackie Meloche

Provincial cash creates Ingenuity Centres

Total of \$14 million for machine learning and carbohydrate science

By Rhonda Lothammer and Ryan Smith

The Alberta government has announced the creation of two new multi-million dollar research centres based in the Faculty of Science at the University of Alberta. Through the Alberta Ingenuity Fund, an endowment started in 2000 with \$500 million from the Alberta government, the Alberta Ingenuity Centre for Machine Learning and the Alberta Ingenuity Centre for Carbohydrate Science will each receive \$1.2 million in the first year of a five-year award. Each centre may receive about \$7 million over the term of the award for a potential combined total of \$14 million.

The Alberta Ingenuity Centre for Machine Learning will concentrate on cre-

ating smarter computers for use in areas such as e-commerce, industrial processing, improved diagnostics for health care, everyday software applications and interactive entertainment. The principal investigators at the centre will be Drs. Russ Greiner (centre leader), Robert Holte, Randy Goebel, and Jonathan Schaeffer, all of whom are computing science professors at the U of A.

"With this funding we hope to take our expertise in machine learning, which is already recognized across Canada, and create a critical mass in this area that will get the attention from people in this field all over the world," said Dr. Randy Goebel, chair of the U of A Department of Computing Science.

The Alberta Ingenuity Centre for Carbohydrate Science will research the chemistry of the complex sugars that coat cells and are responsible for cellular interactions and many immune reactions. New families of carbohydrates will be made that could lead to the development of new vaccines. New analytical tools, including instrumentation, will be developed to study the structure of complex carbohydrates. The principal investigators will be chemistry professors Drs. David Bundle (centre leader), Ole Hindsgaul, Monica Palcic, and medical microbiology and immunology professor Glen Armstrong. Drs. David Schriemer and Kenneth Ng, both of the University of Calgary, are also principal investigators.

Bundle said the funding will allow his research team "a flexibility and capability that we haven't had before." He explained that without long-term funding it is difficult to maintain people who know the specialized methodology and techniques necessary to conduct desired research.



Dr. David Bundle and Premier Ralph Klein view a 3-D graphic of a carbohydrate. Klein was on campus to announce the creation of two new multi-million-dollar research centres based in the Faculty of Science.

"This funding will allow us to hire senior people for longer, which allows us to maintain interdisciplinary skills and train our students in these skill sets, many of which are in high demand in industry right now," Bundle said.

"Alberta Ingenuity support for the two new centres will be instrumental in keeping the bright research stars we already

have in these areas here and attracting high quality scientists from all over the world to Alberta to join and strengthen these groups. That combination can only result in new discoveries, new technologies, and ultimately, new industry and new jobs for Albertans," said Alberta Premier Ralph Klein, who was on campus Wednesday to make the announcement. ■

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Volume 40 Number 3

OFFICE OF THE VICE PRESIDENT
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6TH FLOOR GENERAL SERVICES BUILDING
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Folio's mandate is to serve as a credible news source for the University community by communicating accurate and timely information about issues, programs, people and events and by serving as a forum for discussion and debate. Folio is published 20 times per year.

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\$1.9M chair to examine impact of coal

Mercury emissions targeted by research

By Sandra Halme

A University of Alberta research chair aimed at increasing efficiency and decreasing the environmental impact of coal has been announced. The NSERC/EPCOR/AERI Industrial Research Chair in Advanced Coal Cleaning and Combustion Technology will address the current academic deficiency in coal-related research in Alberta and Canada.

U of A chemical and materials engineering professor Dr. Zhenghe Xu will hold the chair. His research will focus on understanding the mercury emission issues and developing viable technology for mercury emission control in coal-based power generation systems.

"Fundamental studies about coal combustion, coal cleaning, and control of toxic trace emissions will help reduce environmental impact," said Xu. "The primary work is aimed at mercury emissions, although analysis will be done for other heavy metals."

About 70 per cent of Canada's coal resources are located in Alberta and it mines more coal than any other province. In addition, 80 per cent of Alberta's electricity is generated using coal. The new research chair was created because of the significant role coal plays in Canada's energy picture. The chair will also fill the void left by the relatively small amount of

academic research currently being conducted in the area.

When coal is burned, the mercury it contains vapourizes and is released into the atmosphere. The mercury then condenses with water and falls to earth as rain. Finally, it ends up collecting in bodies of water and in the animals that live there. Along the way, the mercury, normally not dangerous for humans, can bind with carbon, turning it into potentially lethal methylmercury.

In the past, Xu has worked in water purification, advanced combustion technology, drug delivery systems, and oil sands processing. Research done with Jaewon Choung and Jozef Szymanski, also of the U of A's engineering department, led to what is called the 'integrated process' for cleaning coal of impurities before combustion. This technique, which relies heavily on Xu's command of interfacial phenomena (the tiny associations between two substances), was patented, bought by an American company and featured in a 1998 issue of the New Scientist.

Xu will also continue his work on developing processes for the recovery of clean coal and water from coal tailings.

The research comes at a time when environmental concerns need to be addressed, said Dr. Tom Brzustowski,

president of the Natural Sciences and Engineering Research Council.

"Research that integrates the needs of the environment and the energy industry is of strategic importance at the dawn of the 21st century," he said. "Dr. Xu's work is very timely given Environment Canada's forthcoming regulation and guidelines on mercury emissions."

Anne McLellan, federal Minister of Health, welcomed the research focus of the new chair. "The program brings some of the best minds in university and industry together in response to the challenge of making coal a valuable and acceptable energy source for the 21st century."

"Clean, sustainable energy is a priority for this government. In fact, developing clean coal technology is a major component of Alberta's energy research strategy," said Victor Doerksen, Minister of Innovation and Science on behalf the Alberta Energy Research Institute. "This new research chair builds on previous support of strategic energy initiatives and is important to the future of energy in this province. It also provides an opportunity for collaboration among industry, universities and government to develop new energy technologies, while ensuring Alberta's economic and environmental prosperity."

Funding for the chair comes from five sources: \$625,000 each from NSERC, EPCOR, the City of Edmonton-owned utility, and the Alberta Energy Research Institute (AERI); the U of A has contributed \$50,000. ■

—with files from Stephen Osadetz

Something wicked in the offing?

Q: What would happen if the U.S. were to attack Iraq?

JOSEPH DOUCET

Energy economist and director of the centre for applied business research in energy and the environment:

Oil prices already include a war premium, a cushion of \$3 - \$5 per barrel extra because of the uncertainty of its supply. And if the U.S. were to attack Iraq, "that would throw even more uncertainty into the mix," said Doucet.

The effects on international energy prices would depend on developments within a few days of an attack being launched. "Saudi Arabia, after September 11, said it would do everything it could to keep oil flowing and that did a lot to inspire confidence," said Doucet. "But this could drag on for months or years."

Closer to home, the provincial government would benefit from an increase in oil prices. Having recorded approximately \$6 billion in energy royalties last year, the Alberta government earns about \$140 million for every dollar increase in the price of a barrel of oil. The downside, Doucet notes, is that war could slow down an already damp American economy, which could turn our own economic good fortune into a faded memory.

SALEEM QURESHI

Professor of political science, specializing in politics of the Middle East:

"I'm sure everybody who reads the newspaper knows there is a simmering rage on the Arab streets despite these statements of moderation that come from the Arab regimes.

While the Israeli war against the Palestinians goes raging on with American support and connivance—the direct invasion of an Arab country by the Americans, and especially a country that is posing no threat against anybody—would add fuel to the fire. My apprehension is this is going to spark a very strong feeling of resentment against the U.S. among the Arab peoples, and maybe more among Muslim peoples, and that is what caused September 11, 2001. One can only dread the prospect that this fury and rage could very well lead to something of the same kind."

What's more, Qureshi says the Americans will be no more successful at keeping a puppet regime in power in Iraq than the Russians were during their draw-out conflict in Afghanistan. The U.S. can barely keep Hamid Karzai, the leader of Afghanistan's provisional government, out of harm's way now—two attempts have been made on Karzai's life. "And this is just the beginning."

TOM KEATING

Political science professor specializing in international politics and

Canadian foreign and defence policy:

Keating joins Qureshi in expressing concerns that an attack against Iraq would ignite more global conflict and escalate ongoing battles.

"The conflict itself is totally unpredictable," he said. "There is considerable uncertainty over what Iraq might have, how its domestic population would react and how neighbouring states might react. The possibility of this getting out of control is very great."

The U.S. has been having trouble securing international support and would pay a political price for acting on its own.

"The differences between the U.S. and Europe would become much greater and reach a breaking point—at least with this administration . . . there would be problems for the United Nations as well. The U.S. has never been a strong UN supporter and has kind of set up the UN for failure on this one. To step over the UN when the UN is trying to address the issue would undermine the credibility of UN on this issue and other issues.

"For Canada it is going to create problems on both counts because of Canada's strong support for the UN and, as it begins to lose whatever remaining credibility it has, Canada loses the UN as a way to control and restrain the U.S. and have some influence over U.S. policy." ■



opinion guest column

Saddam makes shrewd move in diplomatic chess game

Dr. W. Andy Knight

US President George W. Bush continues to work diligently to convince the US Congress, the US public, and the international community that Iraqi leader Saddam Hussein poses a clear and present danger to their safety. But support for an attack on Iraq has not been growing as quickly as he would like. On the contrary, Bush's position in the diplomatic chess game has grown noticeably weaker.

The development must irk Bush, who felt he made his case clear to the UN General Assembly on September 12—forcefully reminding delegates that the Iraqi leader has broken several UN Security Council resolutions since the early 1990s. Hussein, he noted, has failed to end repression of the Kurds and other minority groups and continues to support terrorist organizations. The Iraqi leader has contributed funds to the widows and family members of Palestinian suicide bombers, and has sheltered some al-Qaeda fighters who escaped from Afghanistan during the US bombing.

But Bush's biggest worry is that Hussein has accumulated enough weapons of mass destruction to pose a threat not only to America's greatest ally in the Middle East, Israel, but also to the US and its interests. His attempt to force Hussein to allow UN weapons inspectors back into Iraq was made with the implicit

assumption that Iraq would most likely defy the international community once again, thus providing the rationale for a US-led, UN-authorized military invasion.

The Iraqi administration has not yet fallen for the bait. Indeed, Iraqi Deputy Prime Minister Tariq Aziz has declared that his country is ready to discuss a return of UN arms inspectors. This, however, comes with the caveat that such a return would have to be placed in a broader context: the culmination of the sanctions that have been strangling Iraq, and respect for Iraqi sovereignty over all its territory. Now the ball is back in Bush's court.

The Bush administration has made it quite clear that Iraq must not have any say with respect to conditions for allowing the inspectors back in. However, it will have a difficult time convincing most of the members of the UN Security Council. All states guard their sovereignty, and China and

Russia, two of the five permanent members of the Council, are especially concerned that UN-authorized actions to erode Iraqi sovereignty would set a bad precedent. Furthermore, these countries, along with France (another permanent member) have expressed the view that the harsh sanctions on Iraq are hurting ordinary Iraqi citizens, especially children, instead of Hussein.

Unless Bush is able to produce clear evidence to support his charges, it will be very difficult to get a UN Security Council resolution passed that would allow for the trigger of what would amount to a coup within Iraq. And the truly salient questions remain unanswered—questions such as: Has Iraq been producing anthrax and other deadly biological agents that can be used in Scud warheads? (Recall that an Iraqi Scud missile landed in Haifa, Israel during the 1990s Gulf War.) Has Iraq been

upgrading its chemical and biological weapons production facilities over the past decade? Does it have large quantities and stockpiles of VX, mustard gas, and other deadly chemical agents?

Has Iraq restarted the nuclear weapons program that had begun prior to the Gulf War? (We know that Iraq has admitted to having such a program in the past and there is some speculation that had it not been for the Gulf War, the Iraqi regime would have been able to declare itself a nuclear weapons state.) Has Iraq been falsifying documentation pertaining to its nuclear program? Is it getting assistance from foreign states for the acquisition of enriched uranium and other fissile materials? (We know that Iraq continues to buy—often through "front" companies in Europe and Asia—large quantities of UN-

banned chemicals and equipment.)

And is Iraq building long-range missiles that can be launched at Israel and any other country in the region? Hussein may have ambitions of being the next Nasser, but is he crazy enough to directly threaten the United States—the world's only superpower?

So many questions, so few answers. As of yet, despite Tony Blair's recent long list of charges against Iraq, there seems to be no smoking gun as evidence. Until there is, Hussein will not find himself in checkmate and the US will have trouble convincing even its allies to trample upon the fairly robust norm of state sovereignty by forcefully removing Hussein from office.

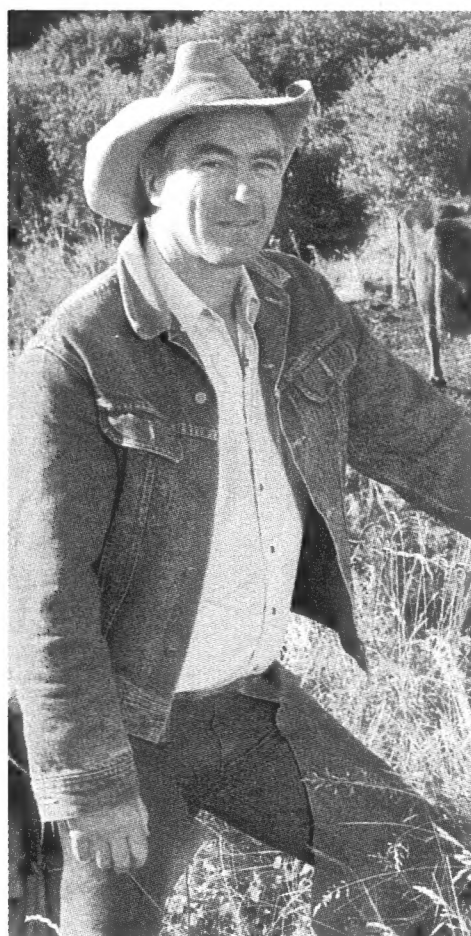
The Bush administration would do well to reflect on the staying power of the Iraqi president, who has been in power for 34 years—outlasting presidents Johnson, Nixon, Ford, Carter, Reagan, Bush Sr. and Clinton. Sure, he has accomplished this by being ruthless and by instilling fear in his people. But he also knows how to play his pieces. ■

Dr. W. Andy Knight is editor of *Global Governance*, an international journal housed at the University of Alberta. He is currently on sabbatical from his position of professor of international relations in the U of A Department of Political Science.

Distinguished alumni honoured

Alumni Association celebrates achievements

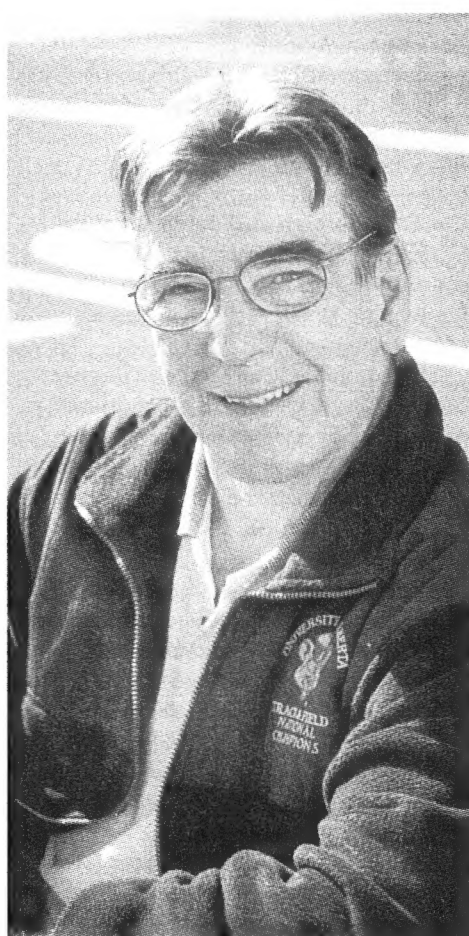
The Distinguished Alumni Award is the Alumni Association's highest honour. Recipients are inducted to the Alumni Wall of Recognition—a permanent display located in the Students' Union Building. This year's recipients are:



ROBERT B. CHURCH
'62 BSC(AG), '63 MSC

Recognized as a world-class molecular and developmental geneticist, Dr. Robert Church's groundbreaking research on DNA/DNA and RNA/DNA hybridizations created a framework for many of today's molecular biology techniques. His research in embryo manipulation and transplants in livestock resulted in significant scientific and economic advances. He also inspired his students and family to pursue distinguished careers.

An Alberta rancher and a professor emeritus at the University of Calgary, Dr. Church is internationally respected for advancing excellence in scientific research and promoting the benefits of science to economic growth. He assumed a leadership role in creating the Alberta Science and Research Authority and the Alberta Ingenuity Fund. While serving on the Natural Science and Engineering Research Council and Medical Research Council, he had a major influence on Canada's science and research policy. For his many outstanding contributions in science, biotechnology, and sustainable agribusiness, Dr. Church was inducted into the Canadian Agriculture Hall of Fame, received the Alberta Order of Excellence and was made a Member of the Order of Canada.



ELDON FOOTE
'45 BSC, '48 LLB, '96 LLD (HONORARY)

Eldon Foote is an astute entrepreneur and generous benefactor who has enjoyed outstanding success in business. In 1965 following a distinguished career in the practice of law, he was appointed a Queen's Counsel. In 1967, he made a bold move starting a franchise operation in Australia that marketed household detergents. The business grew into an international marketing phenomenon. In the ensuing 30 years, he expanded the business to Japan, Hong Kong, and the Republic of Korea with a sales force of over 50,000.

In 1997, he sold the business. This provided the opportunity for him and his wife to pursue philanthropic interests. A generous benefactor in Australia and Canada he actively maintained his connection with the University of Alberta by establishing scholarships in track and field and nursing and endowing a Visiting Chair in International Business Law.

Inspired by his love of track and field, Foote made a major gift to the University of Alberta to help build Foote Field, a world-class training facility used for the 2001 IAAF World Athletic Championships.

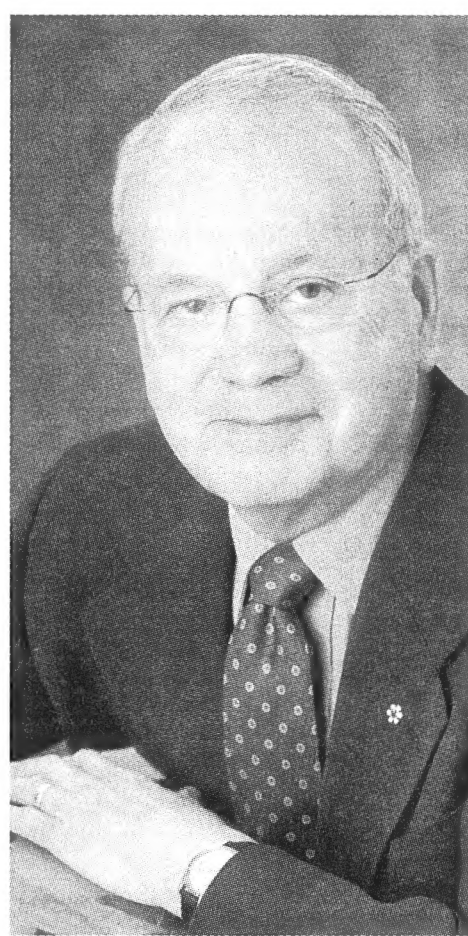


EDWARD H. HARRISON
'77 BED

Edward Harrison's vibrant paintings of the land and people of the Yukon grace private collections and art galleries throughout the world. Much of his career has been spent teaching art to children of all ages but his distinctive painting style, which captures the simple beauty of the north, has made him one of Canada's most prominent artists and an award-winning author and illustrator of children's books.

The recipient of numerous awards throughout his career, he was the first Canadian to have his work selected for the International Children's Book Illustrator Exhibit in Bologna, Italy, and he received special honours for his illustration of *A Northern Alphabet*. Harrison's colourful work brought to life the famous poem by Robert Service in the book, *The Cremation of Sam McGee*—winner of the New York Times Best Children's Book Selection prize and the American Library Association Notable Book award.

In recognition of his contributions to Canadian art and culture, he has received honorary doctorates from Athabasca University and the University of Victoria and was made a Member of the Order of Canada.



MYER HOROWITZ
'59 MED, '90 LLD (HONORARY)

Considering himself to be a school teacher by profession, Myer Horowitz has remained deeply committed to enhancing learning opportunities for school children. His advocacy in the 1970s contributed to the Alberta government's decision to have universally accessible early childhood services. In the 1990s, he was quick to lobby for the reversal of the Alberta government's decision to reduce funding for kindergarten. He continues to seek ways to address social and educational issues through his involvement in organizations such as the Vanier Institute of the Family.

Dr. Horowitz became the president of the University of Alberta in 1979. For a decade, every member of the University family felt the impact of his guiding hand. He demonstrated a deep and abiding interest in all aspects of campus life and cultivated relationships based on mutual respect. Upon his retirement as president, numerous honours were bestowed, including the re-naming of the Students' Union Theatre to the Myer Horowitz Theatre. Named an Officer of the Order of Canada, he has received numerous awards from the teaching profession and seven honorary degrees from Canadian universities.



PAUL GROSS
'97 BFA (DRAMA)

One of Canada's most popular actors, Paul Gross is internationally known for his role as Constable Fraser on the award-winning television program *Due South*, a series in which he served as executive producer and senior writer for many of the episodes. The 2002 film, *Men with Brooms*, which he wrote and starred in, marked his directorial debut in filmmaking, and it became one of the top grossing English-Canadian films made in decades.

The recipient of numerous awards, Gross received two Gemini Awards for Best Actor for his role in *Due South*, a prestigious Dora Award for his performance in the play *Observe the Sons of Ulster Marching Toward the Somme*, and a Clifford E. Lee National Playwriting Award for *The Deer and the Antelope Play*. His success as a playwright earned him invitations to serve as playwright-in-residence at Canada's most prestigious theatre houses, and in television, he received a Gemini Award for Best Writing in a Dramatic Television Series. Also a talented musician, Gross has written and performed songs for television and released two CDs.

Nursing's 'dedicated bunch' marks 60 years

Social and political landscape demanded hard work

By Jacqueline Janelle

"There was a great camaraderie back then because we were all in it together. We did work hard, but you had a lot of fun."

—Margaret Hiller

"I doubt many today would put up with the hours we had to work back in those days," laughs Margaret Hiller, who at this weekend's homecoming will be harking back 60 years to remember her stint as a nursing student at the University of Alberta Hospital.

Hiller and 13 other young women enrolled in the five-year registered nursing degree program in the fall of 1938. The same year German Panzer tanks rolled into Austria and the Sudetenland. Back home, Alberta continued to struggle under the lingering effects of the Great Depression.

"A lot of the girls came into nursing because they couldn't afford to do anything else," said Hiller. For most, the options ranged between teaching, home economics, and nursing.

While she doesn't regret her choice, Hiller does remember that the training program was particularly demanding. The first year consisted of basic science courses and in the fall of 1939 the students moved onto the hospital wards where they would spend the next three years preparing for their RN.

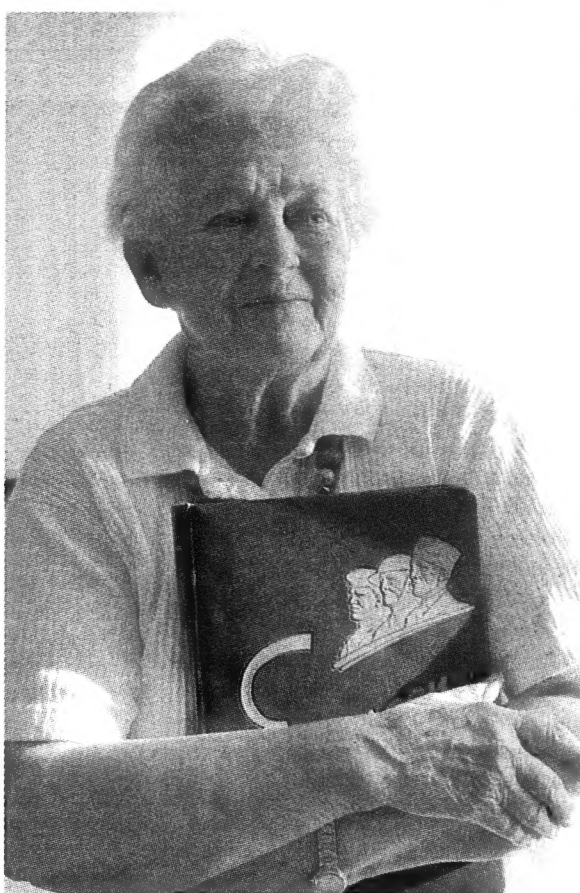
The women would then have the option of completing their degrees with a fifth and final year of 'community health'. While in the hospital, students worked 12-hour shifts, seven days a week with a month holiday in the summer. "We got a half day off on Sunday and three hours the rest of the week. Unless you had lectures, then you only had a two-hour break," she said. Each area of the hospital had a charge nurse but the students did everything from changing flowers and sheets to sterilizing needles. "We certainly had good training," she said. "We especially had a good bedside manner."

Roll call was held each morning at 6:30 sharp. Any stragglers would see one of their precious "late passes" confiscated. The nurses-in-training were allotted four late passes a month which permitted them to stay out of their nursing residence until midnight, two hours past the 10 p.m. curfew.

The women were allocated room and board depending on how far along they were in their studies. Living in residence was an integral part of the nursing program. For their first year on the wards, the young nurses lived at St. Stephen's College. In their second year they moved to the third floor of the Soldiers Wing at the old University Hospital.

It was a part of the hospital dedicated primarily to caring for soldiers from the First World War, but the third floor had been converted into a residence for the women. Instead of having a 'mother hen' looking after the second year students, the students had to check in at the hospital desk.

The residence for their final year was the most fun, says Hiller. "Third year was in Robertson Lodge which was on Whyte



Margaret Hiller and her classmates from the Class of '42 will be reunited this weekend.

Ave. between Tenth and Eleventh streets," she said. "We were two to a room with common bathrooms down the hall."

But it was the choice Garneau location that made Robertson Lodge so much fun, largely because of what was available down the street. "You were close to the skating rink at Garneau," she explained. The nurses would get home from their 12-hour shift exhausted, determined not to move another inch—and then they'd hear the music drifting over from the rink.

"We'd tear over and skate until 10 to 10 and then rush home and collapse."

A social life was a precious commodity for the U of A nurses, whose curfew added an extra challenge to the rigours of dating.

"I don't think it bothered us all that much. There was a great camaraderie back then because we were all in it together. We did work hard, but you had a lot of fun."

A hierarchy, to delineate the neophytes from the old hands, was built into more than just the residences. Nursing uniforms were also an indication of status. For their first six months on the wards, the students wore a blue-and-white-striped dress with black shoes, stockings and an apron. At the end of the first half-year they would add a bib to the apron, and eventually a cap. Upon completing their first year, students graduated to a pink uniform emblazoned with the U of A crest.

The women who graduated that year fanned out across the continent leaving Hiller as the only Edmonton resident in the group.

One nurse, Beryl Mead, joined the Army Medical Corps and served overseas. While others took their degrees to new heights, Kathleen Herman went on to earn her Master's degree in Sociology from Toronto and a PhD in Sociology of Health and Medicine from Berkeley. She taught at Queen's until 1989 and was very active with the Royal Commission on the Status of Women.

Most of the women who completed their RN settled down and raised a family contributing to community through various avenues. Hiller proudly notes that, despite the demands of family, every woman who completed her RN in 1942 did eventually make it back to finish their final degree year of 'community health.' "We were a pretty dedicated bunch." ■

Chiu-An Jaung

talks & events

Submit talks and events to Cora Doucette by 9 a.m. one week prior to publication. **Folio Talks and Events listings will no longer accept submissions via fax, mail, e-mail or phone. Please enter events you'd like to appear in Folio and on ExpressNews at: <http://www.expressnews.ualberta.ca/ualberta/L2.cfm?c=10>**

APR 01 - OCT 31 2002

Standard First Aid/Heartsaver Courses.

The Office of Environmental Health and Safety has arranged for Standard First Aid/Heartsaver courses to be held on campus once again this year. The training is comprised of two full-day sessions (8:00 a.m. to 4:00 p.m.) with morning, lunch and afternoon breaks. The cost is \$80.00 per person. The first course will be held in early April and the last at the end of October. Registration is limited due to classroom size. For further information and registration forms please call Cindy Ferris at 492-1810 or e-mail cindy.ferris@ualberta.ca or visit the home page at <http://www.ehs.ualberta.ca/training.htm#CPR>

MAY 15 - DEC 31 2002

Speakers' Bureau.

Academic Technologies for Learning presents the Speakers' Bureau, a series of free sessions on a variety of topics dedicated to advancing the pedagogy of educational technologies at the University of Alberta. Available to faculty members, sessional instructors, and graduate students, we will bring these sessions to the location and time that are convenient for you. For a full listing of sessions, visit the ATL Web site at <http://www.atl.ualberta.ca/>. Speakers' Bureau brochures are available upon request. If these sessions don't meet your needs, we are also interested in your ideas for other topics and will be pleased to discuss tailoring sessions to meet your particular needs. Contact Cheryl Whitelaw at cheryl.whitelaw@ualberta.ca for more information or to set up a session and at a location near you.

AUG 29 - DEC 10 2002

Faculty Badminton Club, New Season

The Faculty Badminton Club invites faculty and academic staff to join us Wednesdays from 1930-2200 in the Education Gym, starting on September 11th. Friendly atmosphere, all levels welcome. Contact: John McPherson at twosheds@shaw.ca Location: Education Gym. Running August 29, 2002 to December 10, 2002.

SEP 07 - NOV 17 2002

Kalamkari India by Design

This exhibition celebrates the rich dyed and printed textile traditions of India. These breathtakingly complex silk designs and costumes are drawn from both the University Textiles Study collection and from a grouping of brilliant student works from the Department of Human Ecology at the University of Alberta. Location: McMullen Gallery UofA Hospital. Gallery hours are Monday to Friday, 10:00 a.m. to 8:00 p.m. Saturday and Sunday, 1:00 p.m. to 8:00 p.m. Weekend and evening hours are dependent on volunteer availability.

SEP 28 - OCT 09 2002

Faculty of Extension Heather Brown -

Connections: Beyond Memory - a graduating exhibition for the certificate of Fine Arts. Opening Reception Sept. 27, 5-9 p.m. Artist in attendance. Gallery Hours: 8:30 - 8 p.m., Mon. - Thurs. 8:30 - 4:30 p.m., Friday 9 a.m. - noon, Saturday. Location: Extension Centre Gallery.

OCT 03 - OCT 30 2002

Faculty of Extension, Fine Arts Program

Peter Mah - Facing West - an Exhibition of Drawing. Peter is a visiting artist from the Ontario College of Art and Design. Lecture: Oct. 4, 4:30 - 6:00 p.m., Reception: Oct. 4, 6-9 p.m. Exhibition: Oct. 3-30, 2002. Gallery Hours: Mon-Fri. 8 a.m.-5 p.m., Sat. 8 a.m. - 4 p.m. and Sun. 8 a.m. - 12 noon. Location: TELUS Centre Gallery, 111 Street - 87 Avenue.

OCT 03 - DEC 31 2002

Exhibit: Dressed for Rites of Passage

Event sponsored by Department of Human Ecology. Dressed for Rites of Passage: University of Alberta. Our lives are full of passage. Some are small, personal and informal, others are large, formal and very public. Come to see how the University of Alberta has dressed for rites of passage since 1908. Mon - Fri: 7 a.m. - 9 p.m. Saturdays: 8 a.m. - 4 p.m. Sundays & holidays: 12 p.m. - 4 p.m. Free. Location: Lobby Gallery, Human Ecology Building.

SEP 17 - OCT 05 2002

Carel Blotkamp: Recent Work

Event sponsored by Department of Art and Design. "Carel Blotkamp: Recent Work." The Fine Arts Building Gallery presents a solo exhibition by visiting artist and historian Professor Carel Blotkamp. Professor Blotkamp is a renowned Dutch printmaker, painter, art historian and art critic, whose work has been

exhibited widely during the past decade in over a dozen influential shows in the Netherlands. Regular Gallery hours are Tuesday to Friday, 10 a.m. - 5 p.m., and Saturday, 2-5 p.m. In addition to the Gallery Reception, there will be two public lectures by Professor Blotkamp in rm. 2-20, Fine Arts Building, held on Monday, October 7, 2 p.m., and Wednesday, October 9, 2 p.m. Location: Fine Arts Building Gallery, Rm. 1-1 Fine Arts Building, University of Alberta campus, 112 street & 89 avenue.

SEP 17 - OCT 05 2002

Wolfgang Troschke: Recent Prints

"Wolfgang Troschke: Recent Prints." The Fine Arts Building Gallery presents a solo exhibition by guest artist Professor Wolfgang Troschke. Professor Troschke is an established artist from Germany who works primarily in the areas of printmaking and painting. Regular Gallery hours are Tuesday to Friday, 10 a.m. - 5 p.m. and Saturday, 2-5 p.m. Location: Fine Arts Building Gallery, Rm. 1-1 Fine Arts Building, University of Alberta campus, 112 street and 89th avenue.

OCT 04 2002

Department of Accounting & MIS Visiting

Speaker Seminar. Chandra Kanodia, University of Minnesota, will be presenting a paper titled, "To Capitalize or Not to Capitalize Intangibles: What are the Economic Consequences?" 2:00 p.m. Location: Room 4-16 Business Building. Website: <http://www.bus.ualberta.ca/Accounting-MIS/Visiting%20speakers/visiting.htm>

OCT 04 2002

Department of Biological Sciences

Department of Biological Sciences Molecular Biology and Genetics Research Group seminar series. Morris Maduro, Postdoctoral Fellow, University of California, Santa Barbara, California presents a talk on "The Gene Regulatory Network of the C. elegans Mesendoderm." 3:30 p.m. in Room M-149, Biological Sciences Building. Host: Dave Pilgrim. Website: <http://www.biology.ualberta.ca/courses/genet605/>

OCT 04 2002

Department of History and Classics

Professor Allen F. Isaacman, this year's Thomas Lecturer, will give a seminar on "Slaves, Soldiers and Construction of Ethnic Identities: Messy Problems and Epistemological and Methodological Challenges" at 2:00 p.m. Location: Tory 2-58.

OCT 05 2002

Faculty of Extension Public Lecture "Are

Traditional Universities Obsolete? Attributes of the Responsive University in the 21st Century." That is the issue that will be addressed by guest lecturer Dr. John V. Byrne, President Emeritus of Oregon State University. TELUS Centre for Professional Development. Dr. Byrne also served as the Executive Director of the Kellogg Commission on the Future of State and Land-grant Universities. TELUS Centre auditorium from 12:30 p.m. to 1:30 p.m.

OCT 05 2002

Department of Music. Distinguished Visiting

Professor Christian Lauba, French composer. Town and Gown Presentation and discussion of Today's Musical Aesthetics. Studio 27, Fine Arts Building 2-7. Reception to follow, sponsored by Edmonton Composers Concert Society. Fine Arts Building 2-8/2-9. Free admission. 7:00 p.m.

OCT 05 2002

Career and Placement Services (CaPS)

Resume Writing for Science Students. Learn how to write an effective resume targeted to the type of work you want to do. Find out what CaPS learned from a recent survey about employers' expectations and preferences regarding resumes. Time: 12:30 - 3 p.m. Pre-register at CaPS, 2-100 SUB. Location: CaPS classroom; 4-02 SUB.

OCT 05 2002

43rd Annual Turket-Trot

Event sponsored by Campus Recreation & United Way. Campus Recreation presents the 43rd Annual Turket-Trot. A 4k Walk/Run & 8K Run this year will kick off the U of A's United Way Appeals Campaign. Location: Pavilion (Butterdome) & Campus Periphery. Registration is at 9:30 a.m., race is at 10:30 a.m. Website: http://campusrec.ualberta.ca/fall/i-m/s_info/turkeytrot.htm

OCT 05 2002

Career and Placement Services (CaPS)

Resume Writing for Arts Students. Learn how to write an effective resume targeted to the type of work you want to do. Find out what CaPS learned from a recent survey about employers' expectations and preferences regarding resumes. Time: 9 - 11:30 a.m. Pre-register at CaPS, 2-100 SUB. Location: CaPS classroom; 4-02 SUB. Website: www.ualberta.ca/caps

OCT 05 2002

Career and Placement Services (CaPS)

Workshop: Career Selection for Students in Arts. Time: 9 a.m. - Noon. Pre-register today at CaPS, 2-100 SUB. Location: 2-100 SUB. Website: www.ualberta.ca/caps

OCT 05 2002

Planet of the Arts Wondering where an Arts degree can take you? Join a cast of U of A Arts alumni on Oct. 5 at 1 p.m. for a look at the lifelong joys and practical benefits of a liberal arts education. Our speakers include: - Todd Cherniawsky, set designer for Planet of the Apes, Armageddon, and other Hollywood blockbusters - Lorri Broda, senior producer at Disney Interactive in Los Angeles - Todd Babiak, award-winning novelist and entertainment writer for the Edmonton Journal. Learn how to turn your intellectual interests into a rewarding career. Get advice from industry leaders, and find out why an Arts degree is an excellent investment for the new economy. For more information, visit our web site, or call (780) 492-6269. Location: Timms Centre, 87 Avenue & 112 Street. Website: http://www.humanities.ualberta.ca/arts/news/planet_of_the_arts.html

OCT 06 2002

Career and Placement Services (CaPS)

Career Selection for Students in Arts. In this workshop, you will learn how to do a self-assessment, identify occupations that are suited to you, research your career options and the labour market, and develop career goals and a plan of action. Time: 9 a.m. - Noon. Pre-register at CaPS, 2-100 SUB.

OCT 07 2002

Department of Music.

Music at Noon, Convocation Hall Student Recital Series featuring students from the Department of Music. Free admission. 12:10 p.m.

OCT 07 2002

Career and Placement Services (CaPS)

Free Brown Bag Lunch Seminar - Looking for Work Abroad. Time: 12:05 - 12:50 p.m. This is just one of the MANY free bag lunch seminar series. Stop by 2-100 SUB or check out our web site for more info. Location: CaPS, 2-100 SUB. Website: www.ualberta.ca/caps

OCT 07 2002

Department of Biological Sciences

Department of Biological Sciences Botany 600 Seminar Series. JC Cahill, Department of Biological Sciences, University of Alberta presents a talk on "Visitation effects on plants: A touching story." 12:00 noon. Room M-145 of the Biological Sciences Building. Website: <http://www.biology.ualberta.ca/courses/bot600/>

OCT 08 2002

IPAC Colloquium

Event sponsored by IPAC (Institute of Public Administration Canada). Colloquium on Satya Das's second book, 'The Best Country - Why Canada Will Lead the Future'. Dinner and the book: \$35 for members/\$40 for non-members. The event will run from 5:00 to 8:00 p.m. Location: Saskatchewan Room, Main Floor, The Faculty Club.

OCT 08 2002

University Teaching Services

Entertaining and Illustrating: Hooks. This will be a relatively light-hearted session on the use of illustration in teaching. Illustrations such as pictures, stories, and sounds assist us as instructors because they are easily remembered, and important concepts can get dragged along with the illustration, thus helping student learning. Examples will be provided (and bring your own!), and we will develop the key features to make illustrations an effective teaching tool. Presenter: David Cook, Studies in Medical Education. From 4:00 to 5:30 p.m. in Central Academic Building, Room 243. Website: www.ualberta.ca/~uts

OCT 08 2002

Nutrition and Metabolism Research

Seminars Event sponsored by Nutrition & Metabolism Research Group, and Department of Agricultural, Food and Nutritional Science. Dr. Andre Buret, Department of Biological Sciences and Mucosal Inflammation Research Group, University of Calgary will be giving a research seminar at 11 a.m. entitled "From intestinal pathophysiology to nutraceutical research." Location: Classroom F (2J4.02) Walter C Mackenzie Health Centre.

OCT 08 2002

Department of Music.

Visiting Artists Structural Damage. Vancouver Sound/Improv Duo Andrew Czink, piano/electronics, John Oliver, guitar/electronics, and guests. 8:00 p.m.

OCT 09 2002

Science and Humanities Circle

Professor Rob Wilson, Department of Philosophy, University of Alberta, will present an informal talk to the Science and Humanities Circle. Topic: "Galton's Eugenics: Some Questions." All welcome, brown bag lunch. Location: Tory 44. From 12:00 p.m. to 1:30 p.m.

OCT 09 2002

Department of Biological Sciences

Department of Biological Sciences Ecology Seminar Series (part of the Biology 631 Seminar Series). Bernardo Peredo Videia from Bolivia presents a talk on "Bolivia's biodiversity, indigenous communities and actions, threats, opportunities for conservation." 12:00 noon in M-149, Biological Sciences Building. Website: <http://www.biology.ualberta.ca/courses/biol631/>

OCT 09 2002

Department of Biological Sciences

Department of Biological Sciences Biology 642 Seminar Series in Physiology, Cell and Developmental Biology. Marek Dusk, Physiology, University of Alberta presents a talk on "The role of lipid rafts in epithelial ion channel function?" 12:00 noon in G-116, Biological Sciences Building. Website: <http://www.biology.ualberta.ca/courses/biol642/>

OCT 09 2002

Department of Rural Economy

Seminar presented by Roy Larsen, MSc Candidate. "A Regional Analysis of Profitability in the Pulp and Paper Sector." 3:15 p.m. Room 550 General Services Building.

OCT 09 2002

Health Promotion & WorkLife Services

Personal Power and how to tap in to it. The key to unlocking the genius in each of us is within easy reach. With a renewed sense of personal power, you'll be more effective, both personally and professionally. Join us for this session to explore how your beliefs empower you or limit you and to discover how your beliefs work and how to develop truly effective ones. Time: 12:00 p.m. to 1:00 p.m. Presenter: Judy Moench, Cornerstone Counselling. Location: Heritage Lounge, Athabasca Hall. Website: <http://www.hrs.ualberta.ca/HealthPromotion/>

OCT 10 2002

Faculties of Arts and Medicine

Dr. William Seidelman will speak on "Dementia of the Academe: The history and continuing legacy of medicine in the Third Reich." Classroom F (2J4:02) Walter C Mackenzie Health Sciences Building. 4:00 p.m. Sponsored by the Faculties of Arts and Medicine and Dentistry.

OCT 10 2002

Chemical & Materials Engineering

ICI Seminar Series. "Diffusion for dummies" by Edward L. Cussler, University of Minnesota. Seminar starts at 3:30 p.m. Location: ETL Building, Room ETL1 007. Website: <http://www.ualberta.ca/cmeng>

OCT 10 2002

Watersheds, Wetlands and Oceans

Event sponsored by Environmental Research and Studies Centre. Watersheds, Wetlands and Oceans. Dr. Randall Eaton, University of Washington, will speak on "Orca, Rulers of the Sea." Location: 129 Education Building. From 4:30 p.m. to 5:30 p.m.

OCT 10 2002

Academic Technologies for Learning

"Information Design: Getting Your Getting Across." Do your students struggle to understand the concepts you are conveying in class? Have you wondered how to make course concepts more interesting? Principles of information design address 3 key concepts to enhance: - Student understanding - Student motivation - General readability of information. This session is for people who want to create materials that are clear, appealing and conducive to learning. You will acquire guidelines for enhancing learning, motivation and the visual appeal of educational resources. From 3:00 to 4:30 p.m. Location: Telus 214/216.

OCT 10 2002

Canadian Institute of Ukrainian Studies

Book Launch of vol. 8 of the English Translation of Mykhailo Hrushevsky's History of Ukraine-Rus. The book launch will feature presentations by Nancy S. Kollmann, Professor and Director of the Center for Russian and East European Studies, Stanford University, and Frank Sysyn, Director of the Peter Jacyk Centre for Ukrainian Historical Research and editor in chief of the Hrushevsky translation project. As space is

Premature babies show language delays

Study reveals developmental difficulties for healthy pre-term infants

By Geoff McMaster

Children who are born prematurely but otherwise healthy are at risk for language and cognitive delays, according to a study by two University of Alberta researchers.

Dr. Margaret Harrison of nursing and Dr. Joyce Magill-Evans of rehabilitation medicine, both of the U of A Perinatal Research Centre, found that children born slightly under-weight at 30 to 34 weeks gestation score "significantly lower" on language and cognitive tests. Tests indicate these children may also have some problems with non-verbal skills such as spatial relationships and manipulating objects.

Until now, not much research has been done on this particular population, say the researchers, because healthy premature babies are assumed to do "just fine" in comparison with their more severely under-weight counterparts who suffer respiratory trauma or neurological damage at birth. About seven of every 100 babies are born prematurely, according to the latest statistics available.

"Between 1,500 and 2,500 grams (the healthy weight for full-term babies), they will likely appear physically healthy, and so there are not a lot of services out there for them, such as follow-up testing and monitoring," said Harrison. "That's how we got interested in this and in what we could do with families to help them."

Harrison and Magill-Evans originally studied a group of 44 healthy pre-term children and a group of 49 full-term children, comparing language and cognitive abilities at four years of age. More recently the researchers tested some of those children at 10 years of age and again found lower scores. Results from the second study appeared this summer in Physical and Occupational Therapy in Pediatrics.



Parents of healthy pre-term children should be aware of language delays, have them tested and give them time to develop, two U of A researchers say.

"This isn't something that is necessarily going to go away, and so there may have to be some accommodations made in the educational process for these kids,"

"This isn't something that is necessarily going to go away, and so there may have to be some accommodations made in the educational process for these kids. The classroom demands by age 10 are very heavily language based, with lots of abstract concepts and directions."

—Dr. Joyce Magill-Evans

said Magill-Evans. "The classroom demands by age 10 are very heavily language based, with lots of abstract concepts and directions."

The researchers say they're not certain why the delays occur but speculate premature babies are not ready for the onslaught of stimuli that hits them when they are born. They have trouble, for example, interacting with parents without getting upset or turning away. "One of the things they don't do is make very good eye contact," Harrison said.

She says parents need to be taught to slow down, to pace their interactions rather than forcing reactions from the child. "Remember, they started a little early, so give them more time."

A child born in January, for example, should probably not be sent to kindergarten or Grade 1 early: "Give them the leg up," said Magill-Evans. Parents of premature babies should also watch the child's development closely and ask for language testing if he or she seems to be struggling.

"The bottom line for parents, however, is that not every child (born prematurely) is going to have problems with I.Q. There are more of them that have difficulties, but also lots of variability in this group." ■

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limited, please confirm your attendance by October 7. From 5:00 to 7:00 p.m. Location: Faculty Club.

OCT 10 2002

Career and Placement Services (CaPS) Computing Science. Admission is FREE; however, pre-register at CaPS, 2-100 SUB. Time: 5 - 7 p.m. Location: Computing Science Centre, B10. Please check Web site: www.ualberta.ca/caps

OCT 10 2002

Department of Music. Concert of selected works by Distinguished Visiting Professor Christian Lauba, French composer, with guest Richard Ducros, saxophone. 8:00 p.m.

OCT 10 2002

Reading. Noted journalist and war correspondent Peter Stursberg will be reading from his book, *No Foreign Bones in China*, an engaging history of his British colonial family. Location: Greenwood's Bookshoppe, 80 Avenue and 104 Street, Edmonton. 7:30 p.m.

OCT 11 2002

25th Anniversary Walk, Jog, Fun Run 25th Anniversary Walk, Jog, Fun Run. Event date: Oct. 11, 2002 at 6:45 a.m. in Butterdome; followed by Continental Breakfast at Faculty Club at 8:00 a.m. All welcome-cost \$30.00 including breakfast, refreshments, draw prizes and commemorative T-Shirt. For information call Bill Preshing at 483-4967; fax-492-3325 or e-mail preshing@ualberta.ca Location: Butterdome and Faculty Club.

OCT 11 2002

Chemical and Materials Engineering ICI Seminar Series. "Non-selective membranes for fast separations" by Edward L. Cussler, University of Minnesota. Seminar starts at 3:30 p.m. Location: ETLT Building, ETLT1 007. Website: www.ualberta.ca/cmeng

OCT 11 2002

Department of Music. Music at Convocation Hall. Patricia Tao, piano, Schubert Sonata in G, D 894, Ligeti Three Etudes from Etudes pour Piano, Premier Livre Liszt Chapelle de Guillaume Tell, Au bord d'une source, Vallee d'Obermann from Années de pèlerinage, Book I. Admission: \$12/adult, \$7/student/senior. 8:00 p.m.

OCT 11 2002

University Teaching Services What Pocklington and Tupper Got Right and Wrong. This session focuses on the recently published book *No Place to Learn: Canadian Universities in the New Millennium* by U of A Political Science professors Tom Pocklington and Allan Tupper. Facilitator: John Hoddinott, Biological Sciences. From noon to 1:00 p.m. in Central Academic Building, Room 219. Website: www.ualberta.ca/~uts

OCT 12 2002

Department of Music. Alumni Band Reunion. Registration fee: \$50/person, includes Concert - 3:00 p.m. A special concert of alumni band members to celebrate Dr. Pier's 30 year commitment to education in music at the University of Alberta. Convocation Hall, Arts Building. Dinner - 6:00 p.m., U of A Faculty Club. \$15 tax deductible donation to the University of Alberta Department of Music Wind and Percussion program. For more information, please e-mail Tammy-Jo Mortensen at tj@bridgecanada.com Concert admission: \$12/adult, \$7/student/senior.

OCT 15 2002

Department of Political Science Professor Clarkson, University of Toronto, will launch his new book "Uncle Sam and Us: Globalization, Neoconservatism and the Canadian State." 3:30 p.m. Everyone is welcome. Location: Room 10-4 Tory Building.

OCT 15 2002

Research Services Office Lunch and Learn about Commercializing Research. The University of Alberta's Research Services Office, in partnership with the Alberta Heritage Foundation for Medical Research invite researchers from the faculties of Medicine & Dentistry, Nursing, Pharmacy & Pharmaceutical Sciences and Rehabilitation Medicine to an informal session on the services available to help you commercialize your research, technology or know-how. This "FREE" lunch & Learning session runs from Noon to 1:30 p.m. in lower foyer of the Bernard Snell Theatre, Walter Mackenzie Health Sciences Centre. Space is limited to 40 people, so register now by e-mailing info@rso.ualberta.ca (You will receive e-mail confirmation of your attendance.)

OCT 15 2002

University Teaching Services Putting the

Horse Before the Cart: Team Process Skills to Facilitate Learning. While student learning frequently involves working in small groups, students often encounter frustration and unresolved conflict due to ineffective group process skills. Participants in this workshop will learn essential facilitation skills to guide and support students through the processes of learning and working together. Presenters: David Cook, Studies in Medical Education, Rosemarie Cunningham, Laboratory Medicine and Pathology, Sharla King, InterProfessional Initiative, Janice Pimlott, Dentistry, Elizabeth Taylor, Occupational Therapy. From 4:00 to 6:00 p.m. in Education, Room 1-22. Website: www.ualberta.ca/~uts

OCT 16 2002

University Teaching Services A Humanistic Model of Being a Clinical Educator. What is it like to be a clinical educator? A study asking this question found six dimensions of the experience of being a clinical educator emerged: a sense of self, a sense of being in a relationship, a sense of being a clinical educator, a sense of agency, seeking dynamic self-congruence, and pathways of growth and development. This presentation highlights key elements of those dimensions. Presenter: Lindy McAllister, Charles Sturt University, Australia. From 4:00 to 5:30 p.m. in Education North 2-115. Website: www.ualberta.ca/~uts

OCT 16 2002

Science and Humanities Circle Informal talk by Professor Rob Wilson, Department of Philosophy, University of Alberta who will speak on "Group Minds, 1870-1930: Superorganisms, Collective Psychology, and the Fragile Sciences." All welcome, brown bag lunch. Location: Tory 44. From 12:00 p.m. to 1.30 p.m.

OCT 16 2002

Department of Biological Sciences Department of Biological Sciences Biology 642 Seminar Series in Physiology, Cell and Developmental Biology. Warren Gallin, Biological Sciences, University of Alberta presents a talk on "Voltage-gated K+ Function in Animals: Variations on a Theme." 12:00 noon in G-116, Biological Sciences Building. Website: <http://www.biology.ualberta.ca/courses/biol642/>

OCT 16 2002

International Institute for Qualitative Methodology Qualitative Computing News: Qualrus. Qualrus is described as "the intelligent qualitative analysis program" by its developers. In this presentation the main features of Qualrus, its history and its tools will be presented in the context of new trends using qualitative software. Location: 6-10 University Extension Centre. From 12:00 noon to 1:00 p.m. Website: <http://www.ualberta.ca/~iiqm>

OCT 16 2002

iCORE Distinguished Lecture Series Dr. Carey Williamson will present, The future of broadband wireless. LIVE LOCATION: Telus Centre 134, University of Alberta. 4 p.m. Reception follows at 5. Admission is free. Everyone welcome. This presentation will also be Web cast and available for desktop viewing within 24 hours of live presentation at <http://www.icore.ca>.

OCT 17 2002

School of Business Fay Alexander's Retirement Afternoon Tea. The School of Business cordially invites you to attend Fay Alexander's retirement afternoon tea on Thursday, October 17, 2002, from 3-4:30 p.m. in the 5th floor School of Business Stollery Centre. RSVP (by October 11) or for more information, please contact Sandra at 2-7983 or email sandra.teves@ualberta.ca

OCT 17 2002

Department of Philosophy Professor Maxine Sheets-Johnstone presents "On the Pan-Cultural Origin of Evil." Location: Humanities Centre Lecture Theatre 3. Time: 3:00 p.m.

OCT 17 2002

Academic Technologies for Learning "Using Evaluation to Enhance Instruction and Student Learning." Trying something new in your teaching? This session is for instructors who would like to get more feedback from students, particularly for people who are trying new instructional strategies or instructional technologies. The session will focus on two evaluation tools, surveys and focused discussion and how they can be used to improve instruction. From 3:00 to 4:30 p.m. Location: Telus 214/216.

OCT 17 2002

Health Promotion & WorkLife Services How to Express Difficult Feelings. When difficult feelings are expressed, the sharp edges are dulled, and it is easier to release or let go of the bad feeling. Join us for this session to find out the guidelines & tech-

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Your input is important

Alberta's *Residential Tenancies Act* – which sets out the rights and responsibilities for most tenants and landlords – is currently under review. The *Mobile Home Sites Tenancies Act* – which applies to mobile-home owners who rent a pad or site on which to keep their homes – is also being examined.

What you can do

Alberta Government Services wants to know what changes are needed to make these essential pieces of consumer legislation work better for both landlords and tenants. We have designed a discussion paper in the form of a questionnaire to gather your opinion on the following:

- Possible changes to the legislation that governs Alberta's landlords and tenants
- Better ways to deliver landlord and tenant services
- The availability of information on landlord and tenant rights and responsibilities.

How to participate

Copies of the Landlord and Tenant Legislation Discussion Paper are available at:

- Local MLA constituency offices
- Landlord and Tenant Advisory Boards (where available)
- Edmonton and Calgary Apartment Associations
- On-line at www.gov.ab.ca/gs and follow the links to Discussion Papers.
- By mail at:
Landlord and Tenant Discussion Paper
Alberta Government Services, Registries and Consumer Services Division
3rd Floor, Commerce Place
10155 - 102 Street
Edmonton, AB T5J 4L4
- Or by calling 310-0000 toll-free

Please provide your comments by October 18, 2002 to ensure your view is taken into account.

For more information, call Peter Williams at (780) 427-0294 between 8:15 a.m. and 4:30 p.m. Monday - Friday. Outside the Edmonton area, call 310-0000 toll-free.



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niques for expressing feelings, along with common
mistakes that can be made when expressing your
feelings. Time: 12:00 p.m. to 1:00 p.m. Presenter: Kevin
Yeasting, Wilson Banwell & Associates. Location:
Heritage Lounge, Athabasca Hall. Website:
<http://www.hrs.ualberta.ca/HealthPromotion/>

OCT 17 2002

University Teaching Services Defense
Against the Dark Arts: Detection and Prevention of
Cyber-Plagiarism. This session looks at common clues
that indicate plagiarism and introduces the use of
meta search engines to trace sources. Some simple
strategies to reduce plagiarism will also be discussed.
Presenter: Andrew Ede, History and Classics. From:
3:30 - 5:00 p.m. in Central Academic Building, Room
243. Website: www.ualberta.ca/~uts

OCT 18 2002

Department of Philosophy Professor Nancy
Tuana, Professor of Philosophy and Director of the
Rock Ethics Institute, Penn State University, presents
"Coming to Understand: Orgasm and the
Epistemology of Ignorance." Location: Humanities
Centre Lecture Theatre 1. Time: 7:00 p.m.

OCT 18 2002

Department of Biological Sciences Bryan
Crawford, Department of Biological Sciences, University
of Alberta, speaks on "Role of the extracellular matrix in
zebrafish development." Location: M-149, Biological
Sciences Building. Host: Dave Pilgrim. 3:30 p.m.

OCT 18 2002

School Of Library & Information Studies
Research Seminar. Olof Sundin, Doctoral Candidate,
Swedish School Of Library & Information Studies.
12:10 p.m. - 1:00 p.m. Rm 3-01 Rutherford South.
Nurses and professional information: Towards an
understanding of symbolic aspects of information
seeking and use.

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OCT 18 - 20 2002

**Sex and Gender: Rethinking Feminist
Philosophy** Canadian Society for Women in
Philosophy 2002 Conference. The Friday evening
keynote address will be open to the public. Dr. Nancy
Tuana Professor of Philosophy and Director of the
Rock Ethics Institute, Penn State University, will be
offering a presentation entitled, "Coming to
Understand: Orgasm and the Epistemology of
Ignorance" 7 p.m., Friday October 18 in Humanities
Centre Lecture Theatre (HC L1). It is not necessary to
register for the conference to attend the keynote
address. For more information, please contact the
conference organizer: Dr. Cressida Heyes
cressida.heyes@ualberta.ca, 780-492-9031. Location:
University of Alberta, Telus Centre for Professional
Development. Running Friday October 18, 2002 to
Sunday October 20, 2002.

OCT 21 2002

U of A Report to the Campus For the first
time, a REPORT TO THE CAMPUS is being held to
enable broad participation by the campus communi-
ty. The campus meeting will feature the same pro-
gram as the October 4 Report to the
Community/Annual General Meeting, with additional
information of particular relevance to the campus.
Board of Governors Chair Jim Edwards will host the
program that includes:
- University Report - President Rod Fraser
- Community Outreach Report - Chancellor John
Ferguson
- Research Presentation on Nanotechnology - Dr.
Linda Pilarski, Oncology
- Board of Governors Award of Distinction - meet
recipients
- Questions and Answers - approximately 30 minutes
The event happens from Noon to 1 p.m. in the
Horowitz Theatre, SUB. [Interpreting and realtime cap-
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"Senate Task Force On Wellness"

Notice of Public Hearings

The University of Alberta Senate has recently commissioned a Task Force on Wellness to
study the current situation of health and wellness initiatives at the University of Alberta
while at the same time identifying the gaps and challenges to providing holistic services
to the university 'family'.

Towards this end, the Senate Task Force on Wellness has planned a set of Public Hearings
October 15 - 18, 2002 to assist in conducting an environmental scan of the university
and its various communities.

Presenters are asked to focus on the following:

- 1) a short description of the current service (s),
- 2) the identification of gaps in service,
- 3) providing recommendations to address the gaps, and,
- 4) offering suggestions for implementing the recommendations.

Department and agency submissions should be forwarded to the Senate Office by
October 11th, either by electronic means or by regular mail to 150 Assiniboia Hall,
Edmonton, AB T6G 2E7. Email to senate.office@ualberta.ca. Telephone: (780) 492-2268
FAX: (780) 492-2448

Note: Individual submissions may be made on-line at www.ualberta.ca/senate

notices

Please send notices attention Folio, 6th floor General Services Building, University of Alberta, T6G 2H1 or e-mail public.affairs@ualberta.ca. Notices should be received by 3 p.m. one week prior to publication.

SELECTION COMMITTEE FOR DEAN OF FACULTÉ SAINT-JEAN

As you know, Dr. Claudette Tardif's second term as Dean of the Faculté Saint-Jean will end on June 30, 2003 and an advisory Selection Committee has been established in accordance with University regulations to begin the search for a new Dean.

At this point in its deliberations, the Selection Committee needs your opinions on the leadership needs of the Faculty in the years ahead and any other key issues. Individuals are urged to contact members of the Committee, or write to me as Chair, to express your views on priorities of the Faculty, current issues, and the future direction of the Faculty. In order to facilitate the committee's work, could I please ask that you submit your comments by November 1, 2002.

In addition, individuals who may wish to stand as a candidate are invited to apply. Individuals may also nominate others who they feel would be suitable candidates.

The selection of a Dean is vital to the success of the Faculty. I would therefore ask you all to take the time, even at this hectic point in the academic year, to give some thought to the future of your Faculty.

Your views are important to us and will be solicited again later in the process with an opportunity, at that time, to meet and question our final short-listed candidates at public forums. Thank you for your assistance.

Please forward your comments to the address or e-mail below:

Doug O'ram
Provost and Vice-President (Academic)
2-10 University Hall
University of Alberta
Edmonton, AB T6G 2J9
E-Mail: provost@ualberta.ca
Dean Selection Committee Membership
Contact Information:
Doug O'ram 492-3443 provost@ualberta.ca
Bill McBlain 492-5320 bill.mcblain@ualberta.ca
Ellen MacDonald 492-2816
ellen.macdonald@ualberta.ca
Edmund Aunger 465-8759
edmund.aunger@ualberta.ca
Dennis Gignac 465-8761
dennis.gignac@ualberta.ca
Frances Levasseur-Ouimet 465-8734
francel@gpu.srv.ualberta.ca
Phyllis Dalley 465-8778
phyllis.dalley@ualberta.ca
Claudine Potvin 492-9032
claudine.potvin@ualberta.ca
Lyne Lemieux (780) 645-3888
lemieuxlyne@hotmail.com
Hervé Durocher 420-6850
hdurocher@dursim.com
Calvin Fraser 447-9400 cfraser@teachers.ab.ca
Alexandra Miekus 465-8748
amiekus@ualberta.ca
Monique Pelchat 465-8748
mpelchat@yahoo.com

REVIEW COMMITTEE FOR DEAN OF THE FACULTY OF GRADUATE STUDIES AND RESEARCH

As you know, Dr. Mark Dale's first term as Dean of the Faculty of Graduate Studies and Research will end on June 30, 2003, therefore, a Review Committee has been established in accordance with University regulations. Dr. Dale has indicated that he intends to seek a second term in office.

At this point in its deliberations, the Review Committee is interested in your opinions about the state of the Faculty under the leadership of the Dean. The Committee believes it is critical that all faculty, staff and students in the Faculty of Graduate Studies and Research have the opportunity to convey their views to the Committee.

More specifically, the Committee is interested in the following:

Leadership – ability to provide a vision and direction for the Faculty and achieve the strategic goals of the Faculty;

Management – fairness, balance and effectiveness in decision-making affecting the direction of the Faculty; effectiveness at setting priorities and dealing with issues;

Personnel Management – issues dealing with the recruitment and retention of faculty, as well as the administration of all personnel in the Faculty;

Contributions – the contributions of the Dean in the Faculty, University, Community, and Professional Field;

Development – the success of the Faculty in achieving its goals with resources available;

Communications – the effectiveness of both internal and external communications;

Other matters.
If you wish to respond to the above issues, would you please forward your comments/advice no later than October 18, 2002 to my attention at the address below:

Doug O'ram

Provost and Vice-President (Academic) & Committee Chair

2-10 University Hall
Edmonton AB T6G 2J9 OR
E-Mail: provost@ualberta.ca

In addition, an open 'Public Forum' with the Dean will be scheduled in the near future. At the Forum, the Dean will discuss his vision of the Faculty for the next five years. Please watch for details.

Your views are important to us and I encourage you to share your thoughts with the committee. Should you prefer to submit your comments to another committee member please feel free to do so. Please contact any member of the Dean Review Committee or myself for additional information.

Thank you for your assistance.

Doug O'ram

Provost and Vice-President (Academic) and Chair, Dean Review Committee
Dean Review Committee Contact Information:

Faculty of Graduate Studies and Research

Doug O'ram (780) 492-3443

provost@ualberta.ca

Paul Sorenson (780) 492-2918

paul.sorenson@ualberta.ca

Joe Takats (780) 492-4944 joe.takats@ualberta.ca

Greg Tyrrell (780) 492-7975

g.tyrrell@provlab.ab.ca

Jerry Varsava (780) 492-3896

jerry.varsava@ualberta.ca

Donald Bruce (780) 492-5463

donald.bruce@ualberta.ca

David Gifford (780) 492-5463

david.gifford@ualberta.ca

Robert Luth (780) 492-2740

robert.luth@ualberta.ca

Brad Wuetherick (780) 492-2175

gsapres@ualberta.ca

Rick Johnson (780) 492-2175

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Brian Jones (780) 492-5249

brian.jones@ualberta.ca

Genevieve Gray (780) 492-6761

genevieve.gray@ualberta.ca

Sharon Milne (780) 492-2816

sharon.milne@ualberta.ca

REVIEW COMMITTEE FOR THE DEAN OF STUDENTS

As you know, Dr. Bill Connor's first term as Dean of Students will end on June 30, 2003, therefore, a Review Committee has been established in accordance with University regulations. Dr. Connor has indicated that he intends to seek a second term in office.

At this point in its deliberations, the Review Committee is interested in your opinions about the state of the Office of the Dean of Students under the leadership of the current Dean. The Committee believes it is critical that all staff and students in University Student Services have the opportunity to convey their views to the Committee. More specifically, the Committee is interested in the following:

More specifically, the Committee is interested in the following:

Leadership – ability to provide a vision and direction for University Student Services and achieve the strategic goals of the Office;

Management – fairness, balance and effectiveness in decision-making affecting the direction of University Student Services; effectiveness at setting priorities and dealing with issues;

Personnel Management – issues dealing with the recruitment and retention of staff, as well as the administration of all personnel within University Student Services;

Contributions – the contributions of the Dean within University Student Services, the University, the Community, and Professional Field;

Development – the success of University Student Services in achieving its goals with resources available;

Communications – the effectiveness of both internal and external communications;

Other matters.

If you wish to respond to the above issues, would you please forward your comments/advice no later than

October 25, 2002 to my attention at the address below:

Doug O'ram

Provost and Vice-President (Academic) & Committee Chair

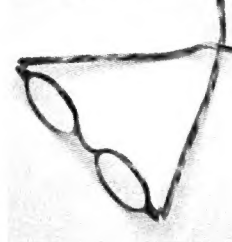
2-10 University Hall
Edmonton AB T6G 2J9 OR

E-Mail: provost@ualberta.ca

In addition, an open 'Public Forum' with the Dean will be scheduled in the near future. At the Forum, the Dean will discuss his vision of University Student Services for the next five years. Please watch for details.

Your views are important to us and I encourage you to share your thoughts with the committee. Should you prefer to submit your comments to another committee member please feel free to do so.

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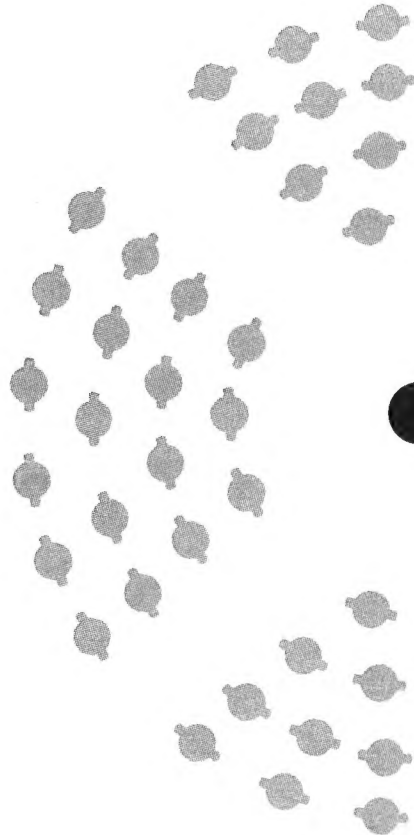
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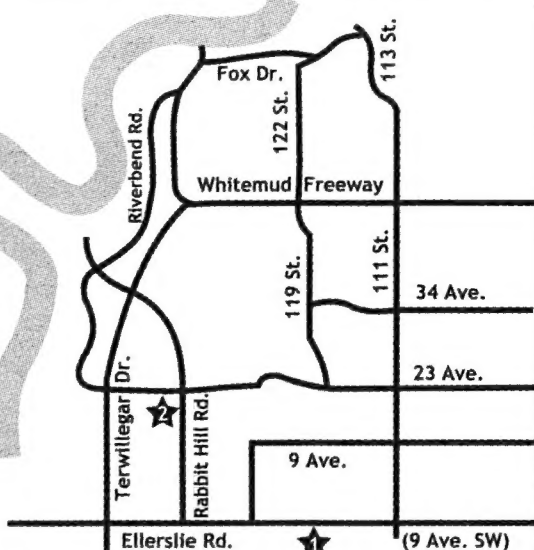
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Please contact any member of the Dean Review Committee or myself for additional information.
Thank you for your assistance.
Doug O'ram
Provost and Vice-President (Academic) and
Chair, Dean Review Committee
Dean Review Committee Contact Information:
Faculty of Graduate Studies and Research
Doug O'ram (780) 492-3443
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Cheryl Luchkow (780) 492-1545
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Kimberly Dary (780) 492-2099
kdary@gpu.srv.ualberta.ca
Shelley MacKay (780) 492-3483
shelley.mackay@ualberta.ca
Chad Hillier cmhillier@ualberta.ca

positions

The records arising from this competition will be managed in accordance with provisions of the Alberta Freedom of Information and Protection of Privacy Act (FOIPPA). The University of Alberta hires on the basis of merit. We are committed to the principle of equity of employment. We welcome diversity and encourage applications from all qualified women and men, including persons with disabilities, members of visible minorities, and Aboriginal persons.

DOYEN OU DOYENNE FACULTE SAINT-JEAN

La University of Alberta sollicite des candidatures et des propositions de candidatures pour le poste de doyen ou doyenne de la Faculté Saint-Jean.

La University of Alberta a une vision bien définie, et partagée par la Faculté Saint-Jean : d'être indiscutablement reconnue comme l'une des meilleures du Canada, voire du monde, pour son enseignement, sa recherche et ses services à la communauté. La Faculté Saint-Jean de la University of Alberta offre la seule programmation universitaire de langue française à l'ouest du Manitoba. La raison d'être de la Faculté Saint-Jean est de dispenser, par le biais de l'enseignement et de la recherche, une éducation universitaire de qualité en langue française.

La Faculté Saint-Jean offre des programmes de Baccalauréat ès arts, de Baccalauréat en éducation, de Baccalauréat ès sciences, de Baccalauréat en administration des affaires (conjointement avec la School of Business de la University of Alberta), de Maîtrise en sciences de l'éducation et de Maîtrise en arts en études canadiennes. De plus, les étudiants peuvent poursuivre la première année du diplôme du Baccalauréat ès sciences en génie de la University of Alberta dans l'environnement francophone de la Faculté. Au cours de l'année universitaire 2002-2003, la Faculté compte environ 550 étudiants aux 1er et 2e cycles dans l'ensemble de ses programmes. Ces étudiants sont de cultures diverses, provenant en général de l'Ouest canadien, mais de plus en plus de la francophonie internationale.

Le doyen est le membre principal à la direction de la Faculté ainsi qu'un administrateur de la University of Alberta. Il apporte un leadership à la Faculté même et un soutien aux autres membres responsables dans d'autres domaines de gestion à la Faculté. Ce poste requiert la création, le développement et le maintien d'un environnement dans lequel la mission et la vision de l'Université sont secondées au niveau de la Faculté. Le doyen doit aussi promouvoir la vision et le mandat de la Faculté auprès de la communauté universitaire et externe. De plus, à titre de membre principal de l'université, il doit s'attendre à travailler pour les intérêts généraux de l'université.

Le doyen se rapporte au prévôt et vice-président aux affaires académiques de la University of Alberta. Il est responsable de la supervision et de l'administration du programme académique, du budget et de toutes les activités de la Faculté. Les candidats doivent démontrer un leadership universitaire, des qualités académiques prononcées, des preuves d'habiletés administratives et doivent être engagés à l'excellence de l'enseignement et de la recherche. Le doyen doit aussi pouvoir développer des relations amicales avec les anciens de la Faculté et la communauté. Il doit posséder des habiletés de relations publiques et de communication dans les deux langues – le français et l'anglais – en plus d'habiletés dans le développement de fonds.

La nomination prendra effet le 1er juillet 2003 ou dès que possible après cette date. Les propositions de candidatures ou les candidatures, ces dernières accompagnées d'un résumé de qualifications et d'expérience et le nom de trois répondants, doivent être soumises au plus tard le 1er décembre 2002 à :

Dr. Doug O'ram
Provost and Vice-President (Academic)
2-10 University Hall
University of Alberta
Edmonton AB T6G 2J9
Canada

Ou par courriel à : provost@ualberta.ca

La University of Alberta encourage les candidatures de toute personne qualifiée; cependant, la priorité est accordée aux citoyen.ne.s canadien.ne.s et aux

résident.e.s permanent.e.s. En l'absence de candidat.e.s citoyen.ne.s canadien.ne.s ou résident.e.s permanent.e.s répondant aux exigences du poste, nous considérerons d'autres personnes.

La University of Alberta respecte le principe d'équité en matière d'emploi. Comme employeur, elle favorise la diversité dans le milieu du travail et encourage les candidatures de toute personne qualifiée, femmes et hommes, y compris les autochtones, les personnes handicapées et les membres des minorités visibles.

PUBLIC SERVICES LIBRARIAN HUMANITIES AND SOCIAL SCIENCES LIBRARY

The University of Alberta Libraries, with a long tradition of service excellence to the university and its communities, seek a dynamic individual to join the Humanities and Social Sciences Library reference and collection team. Bringing a strength in knowledge of the humanities and competency in at least one of the Romance languages, the successful candidate will provide in-person, e-mail and chat reference services, consulting, and bibliographic instruction for faculty and students, and will manage collections and provide faculty liaison in assigned subject areas. The individual will participate in development of means of access to new electronic resources and their implementation, using applications and knowledge of trends in Web technologies within a networked research environment.

The University of Alberta Library is Canada's second-largest research library, with a collection exceeding five million volumes. The library has a unique relationship with the broader community through NEOS, a central Alberta consortium consisting of 18 government, hospital, college and university libraries and through The Alberta Library. The library has a partnership with OCLC for cataloguing of materials. Visit our web-site at <http://www.library.ualberta.ca>.

The Humanities and Social Sciences Library is the largest of the six major-subject libraries within the library system. It houses a collection of 2.1 million volumes and 4,500 current periodicals with a significant collection of government documents, newspapers, microform and electronic sources, including those in full text. There is an extensive reference collection with supporting services and separate allied libraries for business, data, rare books and special collections, and music.

Qualifications will include an MLS degree from an accredited library school as well as a minimum of three years' relevant experience. Previous experience with new modes of service delivery, electronic resources and collection development is required. Academic background or library experience in the humanities along with knowledge of humanities bibliography and research methodologies is required. Second language competence, in at least one of the Romance languages, particularly Spanish, is required. Applicants must also possess a strong service orientation, excellent instructional and communication skills, superior information management skills, and a commitment to cooperative solutions.

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Karen Adams
Director of Library Services and Information Resources
Cameron Library

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The University of Alberta has a clear vision - to be indisputably recognized as one of Canada's finest universities. The university's vision of the optimum environment for learning and research demands major investment in information technology services and infrastructure, innovative and resourceful staff and commitment to a dynamic process of change. Further information is available on the university's web-site at: <http://www.ualberta.ca>.

DEAN FACULTY OF SCIENCE

The University of Alberta invites applications and nominations for the position of Dean of the Faculty of Science.

The University of Alberta has a clear vision, shared by the Faculty of Science: to be indisputably recognized, nationally and internationally, as one of Canada's finest universities and among a handful of the world's best. The university plays an integral role in the educational, business and cultural life of Alberta through the impact of its integrated mandate of teaching, research and community service. In excess of 4,500 courses are offered in 16 Faculties at the University of Alberta where more than 33,000 students are enrolled.

The Faculty of Science consists of approximately 300 full-time faculty members and 250 support staff in seven departments that offer B.Sc., M.Sc. and doctoral programs. The departments are Biological Sciences, Chemistry, Computing Science, Earth and Atmospheric Sciences, Mathematical and Statistical Sciences, Physics and Psychology. In addition to offering undergraduate programs to over 6,000 full-time students, the academic staff members are actively involved in graduate instruction and research. Research activities generate approximately \$55 million in grant and contract support. Further information may be obtained from the World Wide Web at <http://www.ualberta.ca/SCIENCE>.

The Dean is responsible to the Provost and Vice-President (Academic) for the supervision and administration of the academic programs, budget, and all activities of the Faculty. Candidates should have proven administrative ability, well-developed leadership skills and strong academic qualifications in a field of research that enhances the activities of the Faculty.

The appointment will take effect on July 1, 2003 or as soon as possible thereafter.

Written nominations or applications, accompanied in the latter case by a resume of qualifications and experience, and the names of three referees

should be submitted by December 15, 2002 to Dr. DR O'ram, Provost and Vice-President Academic, 2-10 University Hall, University of Alberta, Edmonton, Canada, T6G 2J9, or by electronic mail to provost@ualberta.ca.

RESEARCH ASSOCIATE CHEMICALS AND MATERIALS ENGINEERING

As part of the research program that is being conducted under the NSERC-EPCOR-AERI Industrial Research Chair in Advanced Coal Cleaning and Combustion Technology, we are seeking a candidate for the position of research associate. The candidate should have combined expertise in chemical engineering, coal cleaning and combustion technology, and coal combustion emission control. Strong background in chemistry, in particular in analytical chemistry will be an asset. The candidate must have a high level of physical understanding of coal combustion emission. The candidate should have demonstrated research independence with minimum supervision and have published in prestigious learned journals. The position is available for an initial one year. Interested candidates should apply, prior to December 1, 2002, directly to: Professor Zhenghe Xu, Department of Chemical and Materials Engineering, University of Alberta, Edmonton, Alberta, T6G 2G6.

ASSISTANT PROFESSOR CHEMICALS AND MATERIALS ENGINEERING

Applications are invited for a tenure-track faculty position at the Assistant Professor level in the general areas of energy and/or energy and the environment. The position is currently open and will be filled as soon as possible. Candidates must either hold a PhD in chemical engineering, or related field, or expect to receive one shortly after taking up their appointment. Successful candidates will be expected to establish viable and productive research programs, and teach both graduate and undergraduate courses. The position is intended to complement our current strength in utilization of fossil energy resources and interfacial phenomena. One component of the research program will be airborne toxin emission control from coal combustion, to complement an NSERC-EPCOR-AERI Industrial Research Chair in Advanced Coal Cleaning and Combustion Technology. For information about our department, please consult our Web site at <http://www.ualberta.ca/CMENG>. A resume, the names of three confidential references, and a statement of current research interests and plans for future research should be sent to: Dr. J. Forbes, Department of Chemical and Materials Engineering, University of Alberta, Edmonton, Alberta, T6G 2G6. Applications are requested prior to December 15, 2002.

THINKING OF RETIRING?

The Office of the Provost and Vice-President (Academic) is sponsoring a pre-retirement seminar for University of Alberta Academic Staff:



Planning for Personal Freedom
on
November 15 & 16, 2002

This is a two-day seminar that provides participants with the opportunity to:

- Discuss specific information in the areas of lifestyle, financial and estate planning
- Develop long-term goals and a strategy for retirement planning

To register or get more information, please contact:

Cathy Olson
Staff Learning and Development
Phone: 492-0901
E-mail: cathy.olson@hrs.ualberta.ca

Space is limited so register early!

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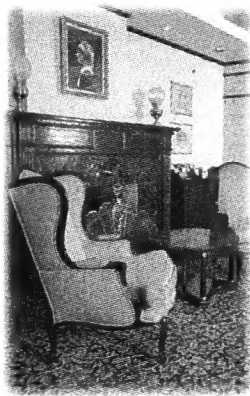
Wilson Banwell	428-7587
Lynda J. Phillips	428-7587
Lousage Institute	488-7649
Insight Psychological & Family Support Services	461-1717
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Cornerstone Counselling Centre	482-6215
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Associate Vice President (Human Resources) University of Alberta

Opened in 1908, the University of Alberta has grown to be one of Canada's largest research-intensive universities. The University is clearly focused on its vision "to be indisputably recognized in teaching, research and community service, nationally and internationally, as one of Canada's finest universities."

The University of Alberta serves more than 30,000 students in 200 undergraduate programs and 170 graduate programs. The University employs over 3,500 academic and 4,000 non-academic support staff.

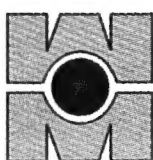
As the senior human resources officer, the Associate Vice President (Human Resources) is a key component of the Finance and Administration portfolio's senior management team. The position works in close collaboration with the Office of the Provost and has functional accountability to the Vice President (Finance and Administration). The successful candidate will be expected to provide extraordinary leadership and vision to the HR function as a strategic service and resource to enable the University of Alberta to develop and motivate a work force committed to achieving the University's mission. Important aspects of the position will include developing and implementing a Strategic Human Resources Business plan to meet the university's medium and long term goals and objectives; providing leadership and direction in the administration of all aspects of the HR office including: academic and non-academic staff administration, environmental health and safety, employment equity, human rights, learning and development, compensation and benefits administration; job evaluation, contract negotiations and employee relations.

We are seeking a seasoned human resources executive with a proven track record of service delivery, leadership ability and responsibility for all aspects of human resources including labour relations. Ideally, the successful candidate will possess proven experience in a:

- University setting or another complex progressive organization that employs a large number of professional and non-professional staff.
- A large, multi-faceted public sector organization that has a number of bargaining units and a value oriented, forward thinking approach to employee relations.

Replies will be treated in strict confidence and should possess details of background, experience, education and professional credentials and personal data. Inquiries may be directed to Rick L. Harvey, CMC, quoting file #53089. Respondents are requested to reply by October 18, 2002.

The University of Alberta hires on the basis of merit. It is committed to the principle of equity of employment. It welcomes diversity and encourages applications from all qualified women and men, including persons with disabilities, members of visible minorities, and Aboriginal persons.



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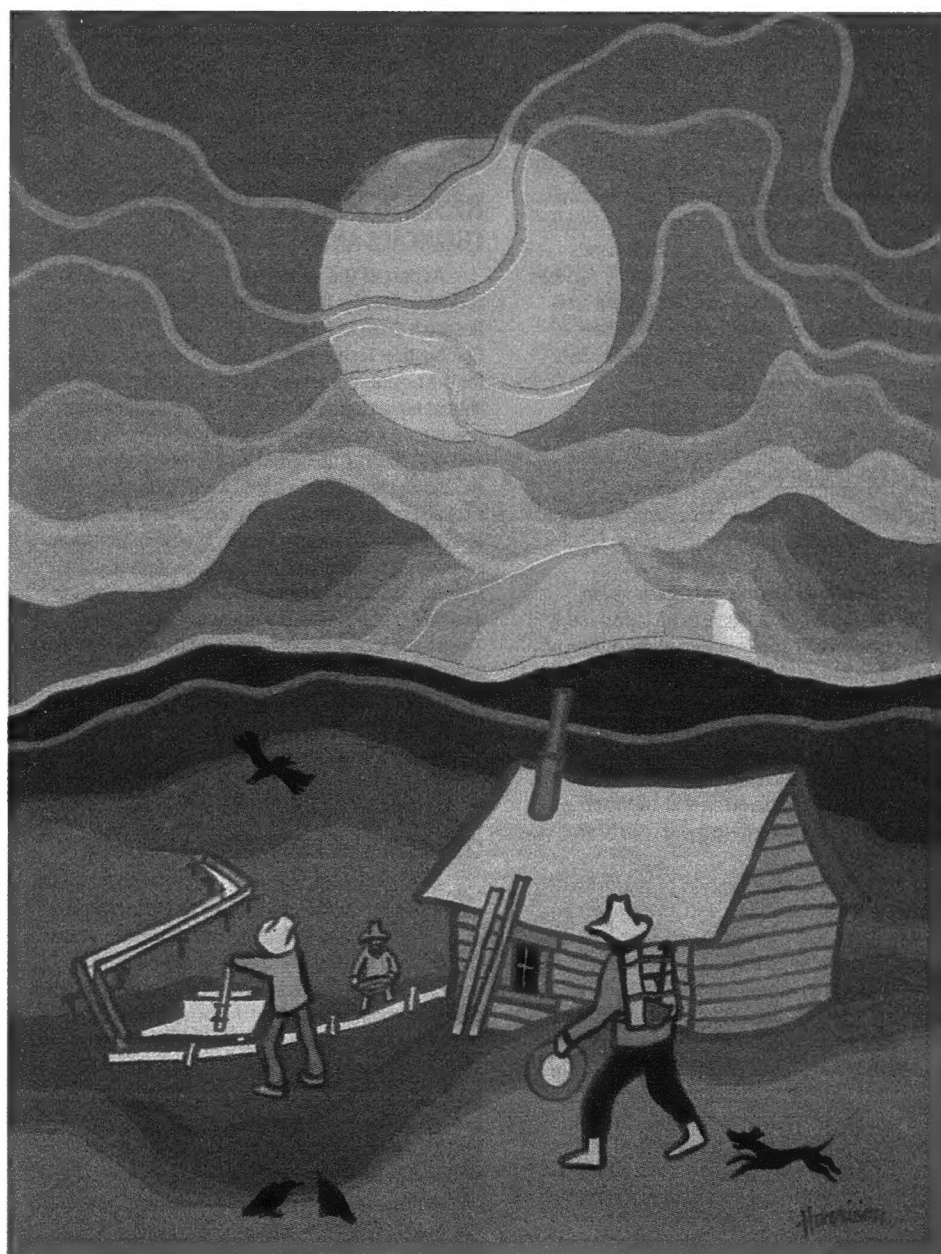
Alberta job listings visit:

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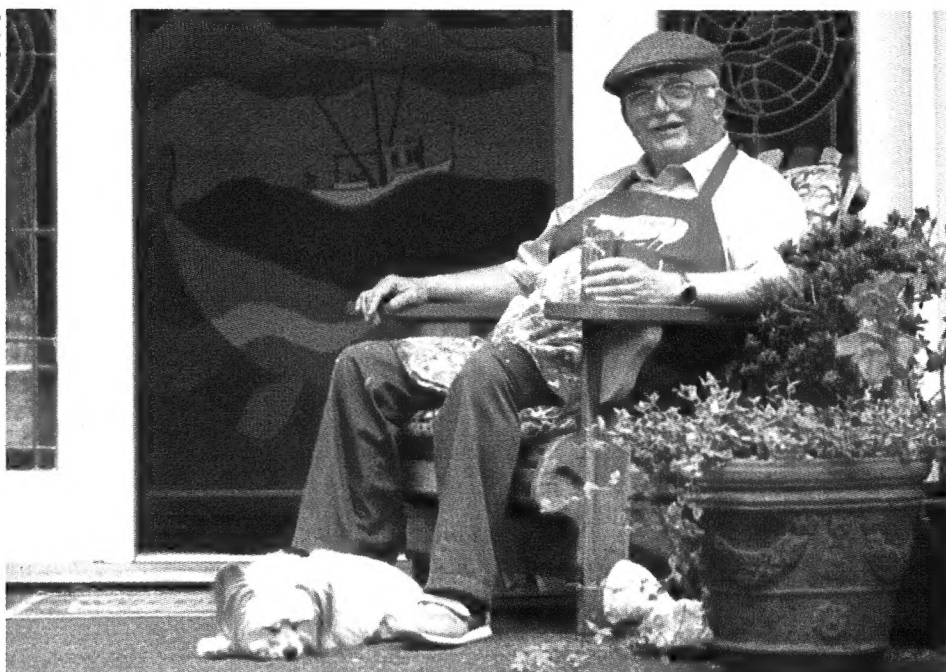


THE NORTH IN

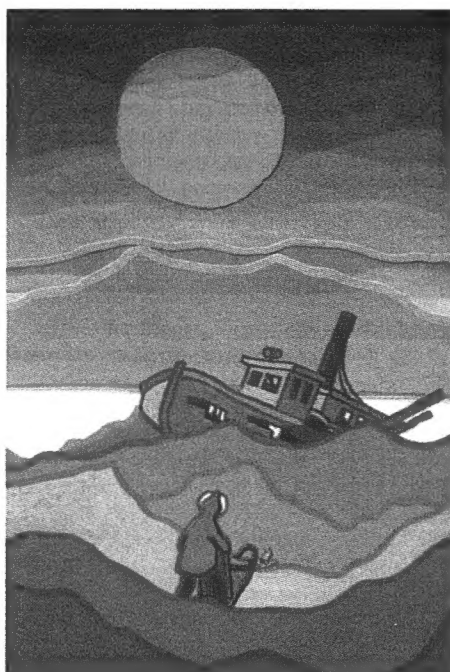
LIVING COLOUR



Destube Photography



By Geoff McMaster



"When I walk past Ted's work, I want to giggle and be happy. It's just such vibrant, wonderful work, and Ted's like that himself—you just don't know when he's going to come out with something a little strange and fun."

— Barbara Bristol-Price

As a young art student growing up in an English mining town, Ted Harrison was once told by a teacher he had no sense of colour.

If ever there was a comment you wish you could take back...

Harrison's colourful work is now known the world over for its delightfully whimsical depictions of northern life.

"When I walk past Ted's work, I want to giggle and be happy," his close friend Barbara Bristol-Price said. "It's just such vibrant, wonderful work, and Ted's like that himself—you just don't know when he's going to come out with something a little strange and fun."

She describes accompanying Harrison to a school in Victoria, B.C., where he had the children enthralled. One boy expressed his preference for Harrison's paintings over those of the revered Group of Seven: "I think he must dream in colour," said the boy.

The 76-year-old artist, a recipient of this year's U of A Distinguished Alumni Award, found his unique style while teaching elementary art in the Yukon. He decided to earn an education degree part

time at the U of A to bolster his credentials, but within six months of graduating took a sabbatical from teaching to see if he could make a living painting. "I've never looked back," he said.

That was 24 years ago. Since then he's racked up a pile of awards, been made a Member of the Order of Canada and was the first Canadian to have his work selected for the International Children's Book Illustrator Exhibit in Bologna, Italy.

"One of the powerful things Harrison has done is to introduce northern culture and landscapes to the rest of Canada," said Dr. Michael Emme, professor of elementary art education. "And he's done it in a way that's very approachable for people."

Perhaps best known to millions of Canadians are Harrison's illustrations to the famous poem by Robert Service, *The Cremation of Sam McGee*, a fanciful tale about "the men who moil for gold" set in the Yukon. The illustrations won Harrison the New York Times Certificate of Excellence and the American Library Association Notable Book Award.

"The Yukon is a special, magic place—it weaves a spell around you,"

said Harrison. "When I first saw it, I said, 'This is it, this is the place I've looked for.'" And when he left the territory to move to Victoria a few years ago, he confesses that tears streamed down his face as his plane left the ground.

And yet he says he's happy to be anywhere in our home and native land. When asked about the proudest accomplishment of his life, he doesn't hesitate to answer: it was responding to an ad in the *Times Educational Supplement* imploring young British teachers to "come teach in the land of the mighty moose."

"I wave the flag whenever I can," he said, growing a little misty. "And when I visit Britain I always gloat over Canada." ■

Ted Harrison, shown here at his home in Victoria, B.C., "must dream in colour," according to a young student. Harrison's art (seen here are excerpts from *The Cremation of Sam McGee*) depicts, in vivid colours, a northern landscape many imagine to be bleak. Harrison receives the title of Distinguished Alumni. He earned his Education degree at the University of Alberta and shortly after decided to focus solely on his art. The world is all the more colourful for it.

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